

Amendments to the Claims:

1. (original) A method of transferring eco-value, in relation to a right accrued by producing a first product by using a plant-based resource, which is a method of transferring eco-value for transferring a labeling right, which is a right to label a product that the products possesses environmentally-friendly value, to an entity who wishes to exercise the labeling right with respect to a second product produced by using a fossil-based resource equivalent to said plant-based resource, wherein said method comprises;

a step of acquiring an environmentally-friendly value index, which is an index for environmentally-friendly value based on a production volume and a production process of the first product; and

a step of computing a corresponding production volume of a second product based on a production process of the second product, onto which said labeling right is exercised, in which said volume corresponds to the environmentally-friendly value index acquired by the above step of acquiring said environmentally-friendly value index.

2. (original) The method of transferring eco-value according to Claim 1, wherein said environmentally-friendly value index corresponds to an amount of carbon derived from plant-based and/or fossil-based resources used in producing said first product.

3. (original) The method of transferring eco-value according to Claim 1, wherein said environmentally-friendly value index corresponds to an amount of carbon derived from plant-based and/or fossil-based resources used in producing said first product; and to an amount of carbon derived from plant- and/or fossil-based resources in terms of energy in production used in

said production.

4. (original) The method of transferring eco-value according to Claim 1, wherein said environmentally-friendly value index corresponds to an amount of carbon derived from plant- and/or fossil-based resources in terms of energy in production used in producing said first product.

5. (original) The method of transferring eco-value according to Claim 1, wherein said environmentally-friendly value index corresponds to an amount of carbon derived from plant- and/or fossil-based resources, which is contained in said first product; and to an amount of carbon derived from plant- and/or fossil-based resources in terms of energy in production used in said production.

6. (original) The method of transferring eco-value according to Claim 1, wherein said environmentally-friendly value index corresponds to an amount of carbon derived from plant- and/or fossil-based resources, which is contained in said first product.

7. (original) The method of transferring eco-value according to Claim 1, wherein said corresponding production volume corresponds to a production volume of a second product containing a predetermined proportion of an amount of carbon, which corresponds to the amount of carbon contained in said first product as produced.

8. (original) The method of transferring eco-value according to Claim 1, wherein said

organic compound used in producing the first product is identical to an organic compound used in producing a second product; and said corresponding production volume corresponds to the production volume of the second product produced by using an amount of said organic compound, which is a predetermined proportion of the amount of the organic compound used in producing said first product.

9. (original) The method of transferring eco-value according to Claim 1, wherein said fossil-based resource is identical to the first product; and said corresponding production volume corresponds to a production volume of a second product produced from an amount of the fossil-based resource, which is a predetermined proportion of the amount of the first product produced.

10. (currently amended) The method of transferring eco-value according to ~~any one of~~ Claim 1 ~~to 9~~, which comprises:

- a step of acquiring certification request information, the gist of which is a request for certification of a labeling right;

- a step of outputting certification information including information on a corresponding production volume, based on the certification request information acquired in the step of acquiring certification request information;

- a step of acquiring transfer request information, the gist of which is a request for transfer of the labeling right received in correspondence with the output of the certification information according to the step of outputting said certification information;

- a step of acquiring acceptance request information, the gist of which is a request for acceptance of the labeling right; and

a step of comparing the transfer request information acquired in the step of acquiring said transfer request information, and the acceptance request information acquired in the step of acquiring acceptance request information.

11. (original) An apparatus for transferring eco-value, in relation to a right accrued by producing a first product by using plant-based resources, which is an apparatus for transferring eco-value for transferring a labeling right, which is a right to label a product that the products possesses environmentally-friendly value, to an entity who wishes to exercise the labeling right with respect to a second product produced by using a fossil-based resource equivalent to said plant-based resource, wherein said apparatus comprises:

a means for acquiring an environmentally-friendly value index, which is an index for environmentally-friendly value based on a production volume and a production process of the first product; and

a means for computing a corresponding production volume of a second product based on a production process of the second product, onto which said labeling right is exercised, in which said volume corresponds to the environmentally-friendly value index acquired by the means for acquiring said environmentally-friendly value index.

12. (original) The apparatus for transferring eco-value according to Claim 11, wherein said environmentally-friendly value index corresponds to an amount of carbon derived from plant-based and/or fossil-based resources used in producing said first product.

13. (original) The apparatus for transferring eco-value according to Claim 11, wherein said

environmentally-friendly value index corresponds to an amount of carbon derived from plant-based and/or fossil-based resources used in producing said first product; and to an amount of carbon derived from plant- and/or fossil-based resources in terms of energy in production used in said production.

14. (original) The apparatus for transferring eco-value according to Claim 11, wherein said environmentally-friendly value index corresponds to an amount of carbon derived from plant- and/or fossil-based resources in terms of energy in production used for producing said first product.

15. (original) The apparatus for transferring eco-value according to Claim 11, wherein said environmentally-friendly value index corresponds to an amount of carbon derived from plant- and/or fossil-based resources, which is contained in said first product; and to an amount of carbon derived from plant- and/or fossil-based resources in terms of energy in production used in said production.

16. (original) The apparatus for transferring eco-value according to Claim 11, wherein said environmentally-friendly value index corresponds to an amount of carbon derived from plant- and/or fossil-based resources, which is contained in said first product.

17. (original) The apparatus for transferring eco-value according to Claim 11, wherein said corresponding production volume corresponds to a production volume of a second product containing a predetermined proportion of an amount of carbon, which corresponds to the amount

of carbon contained in said first product as produced.

18. (original) The apparatus for transferring eco-value according to Claim 11, wherein said organic compound used in producing the first product is identical to an organic compound used in producing a second product; and said corresponding production volume corresponds to the production volume of the second product produced by using an amount of said organic compound, which is a predetermined proportion of the amount of the organic compound used in producing said first product.

19. (original) The apparatus for transferring eco-value according to Claim 11, wherein said fossil-based resource is identical to the first product; and said corresponding production volume corresponds to a production volume of a second product produced from an amount of the fossil-based resource, which is a predetermined proportion of the amount of the first product produced.

20. (currently amended) The apparatus for transferring eco-value according to ~~any one of~~ Claim 11 ~~to 19~~, which comprises:

a means for acquiring certification request information, the gist of which is a request for certification of a labeling right;

a means for outputting certification information including information on a corresponding production volume, based on the certification request information acquired in the means for acquiring certification request information;

a means for acquiring transfer request information, the gist of which is a request for transfer of the labeling right received in correspondence with the output of the certification information according to the means for outputting said certification information;

a step of acquiring acceptance request information, the gist of which is a request for acceptance of the labeling right; and

a means for comparing the transfer request information acquired in the means for acquiring said transfer request information, and the acceptance request information acquired in the means for acquiring acceptance request information.

21. (new) A computer-implemented emissions trading method, comprising the steps of:

calculating an environmentally-friendly value index based on an amount of carbon in a product; and

communicating the environmental friendly value between a potential seller and a potential buyer.

22. (new) The computer implemented method of claim 21 wherein said environmentally-friendly value index corresponds to an amount of carbon derived from plant-based resources in producing said products.

23. (new) The computer implemented method of claim 21 wherein said environmentally-friendly value index corresponds to an amount of carbon derived from fossil-based resources in producing said products.

24. (new) The computer-implemented method of claim 21 wherein said environmentally-friendly value index corresponds to an amount of carbon derived from plant-based resources in terms of energy used in production of said products.

25. (new) The computer-implemented method of claim 21 wherein said environmentally-friendly value index corresponds to an amount of carbon derived from fossil based resources in terms of energy used in production of said products.

26. (new) A computer-implemented emissions trading method, comprising the steps of:  
calculating an environmentally-friendly value index based on an amount of carbon in a product and an amount of carbon in terms of energy used in production of said product; and  
communicating the environmental friendly value between a potential seller and a potential buyer.

27. (new) A computer-implemented emissions trading method, comprising the steps of:  
calculating an environmentally-friendly value index based on an amount of carbon in a first product made by a potential seller; and  
communicating the environmentally-friendly value between the potential seller and a potential buyer for markup in an environmentally-friendly value of a second product made by the potential buyer; and  
completing a deal between the potential seller and the potential buyer.



28. (new) The computer-implemented emissions trading method of claim 27 wherein the first product is produced by using a plant-based resource, while the second product is produced by using fossil-based resource.

29. (new) A computer-implemented emissions trading method, comprising the steps of:  
converting an environmentally-friendly value index of plant-based resource, in terms of that of fossil-based resource, for communicating the environmental friendly value between a potential seller and a potential buyer.

30. (new) A computer-implemented emissions trading method for transferring an environmentally-friendly value from a first product using a plant-based resource to a second product using a fossil-based resource, comprising the steps of:

computing the environmentally-friendly value index based on a production volume and a production process of said first product; and

computing a corresponding production volume of the second product based on a production process of said second process, in which said volume of said second product corresponds to the environmentally-friendly value index computed from the first computing step.

31. (new) The computer-implemented emissions trading method of claim 30 wherein said environmentally-friendly value index corresponds to an amount of carbon derived from plant-based resources used in producing the first product.

32. (new) The computer-implemented emissions trading method of claim 30 wherein said environmentally-friendly value index corresponds to an amount of carbon derived from plant-based resources in terms of energy used in producing the first product.

33. (new) The computer-implemented emissions trading method of claim 30 wherein said environmentally-friendly value index corresponds to an amount of carbon derived from fossil-based resources used in producing the first product.

34. (new) The computer-implemented emissions trading method of claim 30 wherein said environmentally-friendly value index corresponds to an amount of carbon derived from fossil-based resources in terms of energy used in producing the first product.

35. (new) The computer-implemented emissions trading method of claim 30 further comprising the step of certifying the environmentally-friendly value index by a third party other than the potential seller and the potential buyer.

36. (new) A computer-implemented emissions trading method, comprising the steps of:  
calculating an environmentally-friendly value index based on an amount of carbon in a product for a seller;  
transmitting the environmentally-friendly value index and its selling price by a potential seller;  
transmitting a request for the environmentally-friendly value index and its buying price by a potential buyer; and

completing transactions between the potential seller and the potential buyer.

37. (new) A computer-implemented emissions trading method, comprising the steps of:

calculating an environmentally-friendly value index based on an amount of carbon derived from plant-based resource in a product for a seller;

transmitting the environmentally-friendly value index and its selling price by a potential seller;

transmitting a request for the environmentally-friendly value index and its buying price by a potential buyer; and

completing transactions between the potential seller and the potential buyer.

38. (new) A computer-implemented emissions trading method, comprising the steps of:

calculating an environmentally-friendly value index based on an amount of carbon derived from plant-based resource in terms of energy used in production of a product for a seller;

transmitting the environmentally-friendly value index and its selling price by a potential seller;

transmitting a request for the environmentally-friendly value index and its buying price by a potential buyer; and

completing transactions between the potential seller and the potential buyer.

39. (new) A computer-readable medium whose contents cause a computer device to complete emissions trading transactions by performing a method comprising:

calculating an environmentally-friendly value index based on an amount of carbon in a product; and

communicating the environmental friendly value between a potential seller and a potential buyer.

40. (new) The computer-readable medium of claim 39 wherein said environmentally-friendly value index corresponds to an amount of carbon derived from plant-based resources in producing said products.

41. (new) The computer-readable medium of claim 39 wherein said environmentally-friendly value index corresponds to an amount of carbon derived from fossil-based resources in producing said products.

42. (new) A computer-readable medium whose contents cause a computer device to complete emissions trading transactions by performing a method comprising the step of:

converting an environmentally-friendly value index of plant-based resource, in terms of that of fossil-based resource, for communicating the environmental friendly value between a potential seller and a potential buyer.

43. (new) The computer-readable medium of claim 42 further comprising the step of:

certifying the environmentally-friendly value index by a third party other than the potential seller and the potential buyer.

44. (new) A computing system for emissions trading comprising:
- a calculating component able to compute an environmentally-friendly value index based on an amount of carbon in a product; and
  - a communicating component able to communicate the environmental friendly value between a potential seller and a potential buyer.
45. (new) The computing system of claim 44 wherein said environmentally-friendly value index corresponds to an amount of carbon derived from plant-based resources in producing said products.
46. (new) The computer implemented method of claim 44 wherein said environmentally-friendly value index corresponds to an amount of carbon derived from fossil-based resources in producing said products.
47. (new) A computer-system for emissions trading, comprising:
- a calculating component able to calculate an environmentally-friendly value index based on an amount of carbon in a first product made by a potential seller;
  - a communicating component able to communicate the environmentally-friendly value between the potential seller and a potential buyer for markup in an environmentally-friendly value of a second product made by the potential buyer; and
  - a deal completing component able to complete a deal between the potential seller and the potential buyer.

48. (new) A computer device for a potential seller in emissions trading, comprising:  
a communicating component able to send a request for calculation of an environmentally-friendly value index on an amount of carbon in a product made by the potential seller; and  
a receiving component able to receive the results of the calculation of the environmentally-friendly value index.

49. (new) A computer device for a third party certification organization in emissions trading, comprising:

a first communicating component able to receive a request for certification by a potential seller for calculation of an environmentally-friendly value index on an amount of carbon in a product made by the potential seller; and

a certifying component able to certify the results of the calculation of the environmentally-friendly value index, and

a second communicating component able to send back to the potential seller the certification of the results of the calculation of the environmentally-friendly value index.

50. (new) A computer device for a system operator in emissions trading through communicating among a potential seller, a potential buyer and a third party certification organization, comprising:

a first communicating component able to receive a request for certification by a potential seller for calculation of an environmentally-friendly value index on an amount of carbon in a product made by the potential seller; and

a second communicating component able to receive a certification from the third party certification organization as to the results of the calculation of the environmentally-friendly value index,

a third communicating component able to send the certification to the potential seller and the potential buyer;

a fourth communicating component able to receive an offer and acceptance from the potential seller and the potential buyer after the certification is given to the potential seller and the potential buyer; and

a fifth communicating component able to complete closing between the potential seller and the potential buyer.

51. (new) A computer device for a potential buyer in emissions trading, comprising:

a communicating component able to send a request for trading of an environmentally-friendly value index on an amount of carbon in a product made by a potential seller; and

a receiving component able to receive offer from the potential seller based on the results of the calculation of the environmentally-friendly value index.

52. (new) The computing system of claim 44 wherein communication is conducted through a network.

53. (new) The computing system of claim 44 wherein communication is conducted through the Internet.